

## Education & Training (E&T)

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**TRAINING POINT OF CONTACT:** Thomas Bond, NASA GRC, 216-433-3900, thomas.bond@grc.nasa.gov

**PROGRAM/PROJECT DESCRIPTION:** The Education & Training Element is developing in-flight icing related education and training materials such as videos, computer-based training modules, lecture series, and web-based materials designed for use by pilots and operators.

### **I. TRAINING REQUIREMENTS:**

<b>A. Trainees</b>	<b>B. Skill Level of Designated Trainees</b>
<b>Dispatchers</b>	Flight Dispatcher <input checked="" type="checkbox"/> (Regional Airline)
<b>Pilots</b>	
⇒ Commercial	Flight Engineer <input checked="" type="checkbox"/> First Officer <input checked="" type="checkbox"/> Captain <input checked="" type="checkbox"/>
⇒ General Aviation	Student <input checked="" type="checkbox"/> Private <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Air Transport <input checked="" type="checkbox"/> Instrument Rated <input checked="" type="checkbox"/> Instructor <input checked="" type="checkbox"/>

### **C. Training Required**

Intermediate Knowledge

### **II. TRAINING DEVELOPMENT/DELIVERY:**

#### **A. Training Program Status**

Curriculum Development   
Training Implementation   
Periodic Updates and Reviews

#### **B. Training Method**

Computer Based Training (Web-on-line, CD training modules)   
Self-study (Text, Videotape)   
Distance Learning (Satellite/Remote)

#### **C. Training Delivery Resources**

Computer Based Instruction

Other: There are plans in 2 or 3 years to integrate the touch and feel of icing into aircraft simulators.

#### **D. Training Provider**

Professional Associations/Organizations

⇒ AOPA/ASF

Federal Agency

⇒ NASA

⇒ FAA

Other: ALPA

#### **E. Training Measurement Method**

No Formal Measurement

Other: With the interactive CB module due out in June 2002, task performance will be measurable.

#### **F. Training References**

Technical References

#### **G. Training Completion Documentation**

Other: Training documentation to be determined by the user. **TBD**

### **III. TRAINING IDENTIFICATION/DESCRIPTION**

#### **A. Training Identification**

Other Identification: TBD

#### **B. Training Length**

Videos- 30 minutes; CB Modules- 3 hours

#### **C. Group Size**

Minimum: 1

Desired: 1

Maximum: 1

#### **D. Trainer to Trainee Ratio**

No trainer required (e.g. self study)

#### **E. Point of Contact to Request Training**

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